

PATENT ABSTRACTS OF JAPAN

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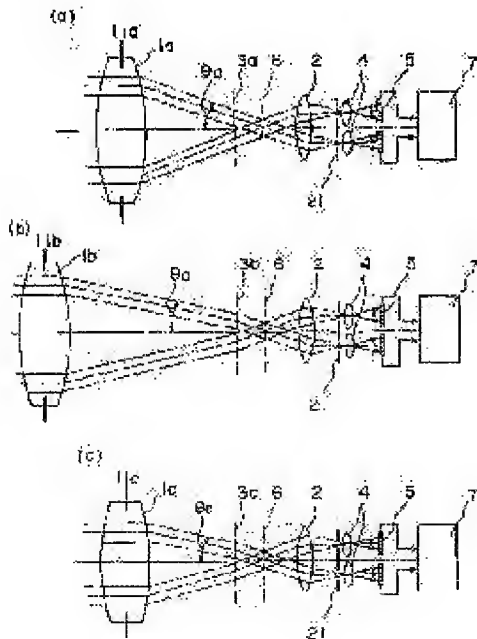
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(21)Application number : **11-276442** (71)Applicant : **MINOLTA CO LTD**

(22)Date of filing : **29.09.1999** (72)Inventor : **HAMADA MASATAKA**

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(54) **SPATIAL MODULATION UNIT WITH VARIABLE FOCUS POSITION, BEAM OF LIGHT DEFLECTING DEVICE, FOCUS DETECTION DEVICE AND CAMERA**



(57)Abstract:

PROBLEM TO BE SOLVED: To provide a focus detecting device in which the beam of light passing through the exit aperture of an objective lens can be efficiently used according to the lens.

SOLUTION: A deflecting means is disposed at 3a, 3b, 3c between lens means 1a, 1b, 1c and a focus detecting means 5, respectively, to guide the beam of light from the lens means

1a, 1b, 1c to the focus detecting means 5 with variable deflection characteristics. A controlling means controls the deflecting means according to the aperture information of the exit aperture of the lens means 1a, 1b, 1c and changes the deflection characteristics of the beam of light guided to the focus detecting means 5.